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12-10-01

PTO/SB/05 (03-01)

Approved for use through 10/31/2002, OMB 0651-0032
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Box *Seq*

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No.		2183-5006.1US
First Inventor		Havenga et al.
Title	GENE DELIVERY VECTORS WITH CELL TYPE SPECIFICITY FOR MESENCHYMAL STEM CELLS	
Express Mail Label No		EL 740547505 US

10/010645 PTO
11/13/01

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages **39**]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets **3**]
- Oath or Declaration [Total Pages]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 C.F.R. §3.73(b) Statement Power of (when there is an assignee) Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No: _____ / _____

Prior application information: Examiner _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

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Name	24247		
	PATENT TRADEMARK OFFICE		
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City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	Allen C. Turner	Registration No. (Attorney/Agent)	33,041
Signature	Allen C. Turner		
	Date	November 13, 2001	

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 613)

<i>Complete if Known</i>	
Application Number	Not Yet Assigned
Filing Date	November 13, 2001
First Named Inventor	Havenga et al
Examiner Name	Unknown
Group / Art Unit	Unknown
Attorney Docket No.	2183-5006.1US

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																									
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number 20-1469</p> <p>Deposit Account Name TraskBritt</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27</p>				<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Fee Code</th> <th style="text-align: center;">Large Entity Fee (\$)</th> <th style="text-align: center;">Small Entity Fee (\$)</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: center;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td style="text-align: center;">130</td><td style="text-align: center;">205</td><td style="text-align: center;">65</td><td>Surcharge - late filing fee or oath</td></tr> <tr><td>127</td><td style="text-align: center;">50</td><td style="text-align: center;">227</td><td style="text-align: center;">25</td><td>Surcharge - late provisional filing fee or cover sheet.</td></tr> <tr><td>139</td><td style="text-align: center;">130</td><td style="text-align: center;">139</td><td style="text-align: center;">130</td><td>Non-English specification</td></tr> <tr><td>147</td><td style="text-align: center;">2,520</td><td style="text-align: center;">147</td><td style="text-align: center;">2,520</td><td>For filing a request for reexamination</td></tr> <tr><td>112</td><td style="text-align: center;">920*</td><td style="text-align: center;">112</td><td style="text-align: center;">920*</td><td>Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>113</td><td style="text-align: center;">1,840*</td><td style="text-align: center;">113</td><td style="text-align: center;">1,840*</td><td>Requesting publication of SIR after Examiner action</td></tr> <tr><td>115</td><td style="text-align: center;">110</td><td style="text-align: center;">215</td><td style="text-align: center;">55</td><td>Extension for reply within first month</td></tr> <tr><td>116</td><td style="text-align: center;">400</td><td style="text-align: center;">216</td><td style="text-align: center;">200</td><td>Extension for reply within second month</td></tr> <tr><td>117</td><td style="text-align: center;">920</td><td style="text-align: center;">217</td><td style="text-align: center;">460</td><td>Extension for reply within third month</td></tr> <tr><td>118</td><td style="text-align: center;">1,440</td><td style="text-align: center;">218</td><td style="text-align: center;">720</td><td>Extension for reply within fourth month</td></tr> <tr><td>128</td><td style="text-align: center;">1,960</td><td style="text-align: center;">228</td><td style="text-align: center;">980</td><td>Extension for reply within fifth month</td></tr> <tr><td>119</td><td style="text-align: center;">320</td><td style="text-align: center;">219</td><td style="text-align: center;">160</td><td>Notice of Appeal</td></tr> <tr><td>120</td><td style="text-align: center;">320</td><td style="text-align: center;">220</td><td style="text-align: center;">160</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>121</td><td style="text-align: center;">280</td><td style="text-align: center;">221</td><td style="text-align: center;">140</td><td>Request for oral hearing</td></tr> <tr><td>138</td><td style="text-align: center;">1,510</td><td style="text-align: center;">138</td><td style="text-align: center;">1,510</td><td>Petition to institute a public use proceeding</td></tr> <tr><td>140</td><td style="text-align: center;">110</td><td style="text-align: center;">240</td><td style="text-align: center;">55</td><td>Petition to revive - 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*or number previously paid, if greater, For Reissues, see above

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Allen C. Turner	Registration No. Attorney/Agent)	33,041	Telephone 801-532-1922
Signature			Date	November 13, 2001

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PATENT
5006.1US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Havenga et al.

Serial No.: To be assigned

Filed: 13 November 2001

For: GENE DELIVERY VECTORS WITH
CELL TYPE SPECIFICITY FOR
MESENCHYMAL STEM CELLS

Examiner: To be assigned

Group Art Unit: To be assigned

Attorney Docket No.: 5006.1US

NOTICE OF EXPRESS MAILING

Express Mail Mailing Label
Number: EL740547505US

Date of Deposit with USPS: November 13, 2001

Person making Deposit: Orlena Howell

Statement under 37 C.F.R. § 1.821(f)

Commissioner for Patents
Washington, D.C. 20231

Sir:

I, Shawn G. Hansen, an attorney registered to practice before the United States Patent & Trademark Office and attorney of record for this application, state that:

1. The enclosed paper copy of the SEQUENCE LISTING, as well as the enclosed copy of the SEQUENCE LISTING in computer readable form (CRF), are in compliance with the requirements of 37 C.F.R. §§ 1.821 through 1.825.